

Date: Tue, 20 Jul 93 04:30:02 PDT
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #212
To: packet-radio

Packet-Radio Digest **Tue, 20 Jul 93** Volume 93 : Issue 212

Today's Topics:

AMSAT OSCAR-17 STATUS
Email to PRUG.or.jp is available.
Emergency Communications via packet
FAQ
network time for PC's, KA9Q, WWV receivers (2 msgs)
Packet on HT's
Subscribe
What equipment to tune up a Ramsey 146?

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 20 Jul 1993 03:15:33 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!linac!att!cbnewse!bodmer@network.ucsd.edu
Subject: AMSAT OSCAR-17 STATUS
To: packet-radio@ucsd.edu

Does anyone know what the status of AMSAT OSCAR 17, aka DOVE is? The information I have indicates that it can be heard on 145.825 MHz without special equipment other than a 2-meter ground plane antenna and a AX.25 compatible TNC.

The Track-21 software that I am using indicated a pass over my area (Chicago) on July 19th at 04:41 UTC. I was unable to hear the satellite on 145.825.

Pete Bodmer
AT&T Bell Laboratories
bodmer@ihbhk.att.com

Date: 19 Jul 93 14:35:29 GMT
From: olivea!koriel!sh.wide!wnoc-tyo-news!glocom!tyo-noc-news!jh1ynw!morphew!
jf1lzq@ames.arpa
Subject: Email to PRUG.or.jp is available.
To: packet-radio@ucsd.edu

We re-aranged our network and international Email communication
for prug.or.jp has been available again.

Yutaka Sakurai / JF1LZQ
Packet Radio User's Group
Yokohama Japan
Also ysakurai@cisco.com

Date: Mon, 19 Jul 1993 15:54:42 GMT
From: sytex!jim@uunet.uu.net
Subject: Emergency Communications via packet
To: packet-radio@ucsd.edu

I am interested to convey a sense of what can be done using
packet radio in emergency and disaster situations to people
in the Office of Foreign Disaster Assistance.

Often this office is called upon to assist in disasters in
countries where there is not good TC infrastructure to begin
with, and it seems to me that packet radio could and should
play an important role in such situations.

Anybody got any stories? local, domestic, or foreign? Any
pointers to where I can ask more?

And one other thing. Anybody have any experience linking
packet radio network systems to dial-up networks like
Fidonet technology systems?

Will sure appreciate this community's responses.

jim

jim@sytex.com (Jim Arnold)
Access <=> Internet BBS, a public access internet site
Sytex Communications, Arlington VA, 1-703-528-4380
-- Internet Access for the rest of us...

Date: 20 Jul 93 04:38:50 GMT
From: pitt.edu!dsinc!ub!galileo.cc.rochester.edu!uhura.cc.rochester.edu!
lchd_ss@uunet.uu.net
Subject: FAQ
To: packet-radio@ucsd.edu

can someone tell me if this is the group to inquire about ka9q questions?
where can I get the faq for this group.
I would like to get information about setting a SLIP using ka9q.
can someone tell me wheer I can get this information?
The only docs I have are the tutorial docs that came with the ka9q packages.
Thanks

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Ling cherd

Date: Mon, 19 Jul 1993 16:22:53 GMT
From: lasker!bclouser@princeton.edu
Subject: network time for PC's, KA9Q, WWV receivers
To: packet-radio@ucsd.edu

To anyone,

We are working here at Princeton on a project to put low-cost seismometers in high schools. So far we have the seismometers, but accurate timing is still lacking. I have heard of obtaining accurate time over Internet, by syncing a local computer clock with a network standard, but this apparently exists only for Macs and UNIX systems. Am I wrong? If anyone knows of this timing technique being adapted for PC's (specifically we are using Radio Shack Tandy 2500 SX/33's), please let me know soon. Thank you.

It was suggested to me that I post this request to this group. Someone told me that someone on this group would know about the KA9Q package that would allow accurate network time for PC's. What is this KA9Q package, and where can I get it?

Also, we are also interested in receiving radio time signals to feed into an A-D board on our PC's. Does anyone know of a CHEAP receiver that can be either purchased or built that will receive WWV or a Canadian time signal? We have bought a short-wave receiver , but the cost is rather higher than we wanted for the

high schools project (\$120). Any information would be appreciated.

Thanks,

Bob Clouser

Date: Mon, 19 Jul 1993 19:39:08 GMT
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!khijol!warrior!erc@network.ucsd.edu
Subject: network time for PC's, KA9Q, WWV receivers
To: packet-radio@ucsd.edu

Bob Clouser (bclouser@lasker.Princeton.EDU) wrote:

: To anyone,
: We are working here at Princeton on a project to put low-cost seismometers in
: high schools. So far we have the seismometers, but accurate timing is still
: lacking. I have heard of obtaining accurate time over Internet, by syncing
: a local computer clock with a network standard, but this apparently exists
: only for Macs and UNIX systems. Am I wrong? If anyone knows of this timing
: technique being adapted for PC's (specifically we are using Radio Shack Tandy
: 2500 SX/33's), please let me know soon. Thank you.

There are several programs that will allow a PC's clock to be set via modem
from the NIST time standard. It's quite accurate.

: It was suggested to me that I post this request to this group. Someone told me
: that someone on this group would know about the KA9Q package that would allow
: accurate network time for PC's. What is this KA9Q package, and where can I get
it?

: Also, we are also interested in receiving radio time signals to feed into an
: A-D board on our PC's. Does anyone know of a CHEAP receiver that can be either
: purchased or built that will receive WWV or a Canadian time signal? We have
bought
: a short-wave receiver, but the cost is rather higher than we wanted for the
: high schools project (\$120). Any information would be appreciated.

Heathkit used to put out a WWV receiver that had an RS232 output port on the
back, so you could feed the output directly to your computer.

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Ed Carp erc@apple.com 510/659-9560
For anonymous mailers --> anonymous+5300@charcoal.com
"Disagreements are not meant to be challenges. They are just a different
reality." -- Risa D'Angeles

Date: 19 Jul 93 17:04:14 -0600
From: swrinde!gatech!news-feed-1.peachnet.edu!umn.edu!doug.cae.wisc.edu!zazen!
uwec.edu!tig!whitemp@network.ucsd.edu
Subject: Packet on HT's
To: packet-radio@ucsd.edu

To everyone who replied to me:
THANKS!

Well, now all I have to do is pass the test on July 24, wait a bit
(I'm sure I'll have my ticket faxed to me the same day :)).

-mw-

Date: 19 Jul 93 21:44:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: Subscribe
To: packet-radio@ucsd.edu

How can I get on distribution for the
rec.radio.amateur.packet discussion?

Date: 19 Jul 1993 14:46:08 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu
Subject: What equipment to tune up a Ramsey 146?
To: packet-radio@ucsd.edu

In article <22bk2p\$6ht@usenet.INS.CWRU.Edu> at626@cleveland.Freenet.Edu (Dave
Strout) writes:

>
>What kind of equipment is needed to build & tune a Ramsey 146? Basically,
>is this a kit you can solder together and go, or do you need an
>oscilloscope, freq meter, swr meter, etc to have it working right? I was

A RF signal generator with FM modulation that will go down to a fraction
of a microvolt is very handy for peaking up the receiver.

This is assuming that all goes ok. If you have problems, like I did, you will definitely need Maalox or Rolaids - your choice.

Almost everyone that has built these has had to tweak the coils - spread them out and so on. In addition, I had an incomplete kit that took two tries and 6 weeks to correct, bad crystals (wrong load pf), and blown first mixer (shipped without protective ring). It took quite a while to get it to put out 6w and have adequate receiver performance.

>thinking of building it and listening while I work on my license, then
>using the xmit side. Good idea, or should I go commercial for a first rig?
> Also, how does it work with packet?

The positives:

I learnt how to work with a 2m tranceiver and get it to work.
I learnt to find bad components: mixers and crystals.

The negative:

Cost. With enclosure it cost \$176 + shipping.
Also consider the competition.
You can buy a brand new Alinco DR1200 for \$225. (or a used one for \$175). It comes with display, zillions of channels, pl encode/decode, 25W and is much smaller. (DTMF Mic is extra - \$33).
I think that \$100 with a case, mic and PL would be a fair price for the Ramsey. As it is, it does not include a mic, PL or DTMF. Plus it has to built with somewhat cheesy components.

Take your pick and best of luck.

Rajiv
aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.
Look for aa9ch/m on bottom end of 10m-80m.

End of Packet-Radio Digest V93 #212
